

22. (Twice Amended) A genetically modified bacterium, wherein the bacterium is a *Bifidobacterium longum* 105-A/pBLES100-S-eCD E having the deposit accession number FERM BP-7274.

32. (Amended) A method of specifically delivering to tumor tissues under anaerobic conditions a genetically modified bacterium, wherein the genetically modified bacterium is a *Bifidobacterium longum*, the genetically modified bacterium comprises an expression vector comprising a DNA sequence coding for a protein, the expression vector has a promoter and terminator that specifically function in *Bifidobacterium longum*, the promoter is a nucleotide sequence consisting of nucleotides 1 to 192 of SEQ ID NO:1, and the terminator is a nucleotide sequence consisting of nucleotides 472 to 600 of SEQ ID NO:1.